

Docket No. 005217.P049
Stoel Rives Ref. 50588/390
Digeo Ref. 39

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Anthony F. Istvan et al.

Confirmation No. 8903

Application No. 09/877,696

Filed: June 8, 2001

For: **SYSTEMS AND METHODS FOR
ACCESSING INTERACTIVE
CONTENT VIA SYNTHETIC
CHANNELS**

Group Art Unit: 2611

Examiner: Andrew Y. Koenig

Date: April 26, 2006

DECLARATION OF HIROHISA TACHIBANA UNDER 37 CFR § 1.131

I, Hirohisa Tachibana, hereby declare that:

1. At all times relevant to this Declaration, I was General Counsel of Digeo, Inc., assignee in the above-identified application.
2. On August 21, 2000, I received an e-mail from Anthony Istvan, one of the named inventors, detailing an invention for including synthetic channels in an electronic program guide ("Invention Disclosure"). A copy of the Invention Disclosure is attached hereto as Exhibit A.
3. I forwarded a copy of the Invention Disclosure to outside counsel by e-mail on August 24, 2000.

4. Outside counsel was instructed to prepare each assigned application, including the above-identified application, as expeditiously as possible.

5. Outside counsel was not instructed assign a higher or lower priority to the above-identified application than other assigned applications.

6. On information and belief, the present application was not treated any differently from other assigned applications.

7. A total of 112 applications were filed through outside counsel between August 21, 2000 and June 8, 2001. A copy of the assignee's docket report from the relevant period is attached hereto as Exhibit B.

8. The approximately 9 ½ month delay in filing between August 21, 2000 and June 8, 2001 was attributable the backlog of the 112 other cases to be filed by the assignee.

9. I declare that those statements made of my own knowledge are true, and that all statements made on information or belief are believed to be true. This declaration is being made knowing that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. § 1001) and may jeopardize the validity of the application or any patent issuing thereon.



Hirohisa Tachibana

Date: April 26, 2006

EXHIBIT A

From: "Hiro Tachibana" <hiro@digeo.com>
To: "James K. Okamoto" <jkokamoto@townsend.com>
Date: Thu, Aug 24, 2000 3:39 PM
Subject: FW: More Patents

James, can you give me a call? Hiro.

-----Original Message-----

From: Tony Istvan [mailto:tony@digeo.com]
Sent: Monday, August 21, 2000 8:33 AM
To: Steven-Young; Hiro Tachibana; Jim Billmeyer; Robert Novak
Subject: More Patents

Here are some more patent ideas. Please assign the necessary legal resources. The first two are related, but I wanted to separate the one with specific EPG usage out since it will no doubt be challenged by TV Guide/Gemstar at some point.

Thanks,

Tony

Real Time Synchronization of Computer and Television

37

Anthony Istvan

As we move forward with our various product lines, we will end up with a single user experience and identity that spans multiple display devices (thick client STB, thin client STB, PC, web pad, cell phones, palm pilots, etc...). There will be the capability for a single user to be actively using multiple devices concurrently. In such an environment, it makes sense to allow the user to choose the device that is best suited for the content and circumstance. There is also the possibility that an indicator may occur on one device, and the user would prefer to respond to the indicator on a different device. The devices can include PCs, cell-phones, hand held computers, pagers, etc. Basically, anything that can communicate with a server.

For example, an ATVEF trigger may be embedded in the broadcast stream. The trigger signals a buying opportunity on the television display by means of an on screen icon. The user may have a laptop computer they are currently using to read email. They then use the laptop to pursue the buying opportunity instead of clobbering the television display, which is being viewed by others at the same time. It also allows the user to use a device with a better display for the type of content being accessed.

In order to facilitate such cooperation, we must rely on the client server architecture that is being created to support the STB. The server must be the mediator of communication between the various clients. The clients can use only a web browser that polls the server periodically, or we can have resident applications on the clients that can receive signaling events from the server. Once the event is handed off to the second device, the first device is no longer needed.

It is also possible for two or more viewers in the same room to pursue the same signal without interfering with each other. The important aspect is that shared device (the STB and television display) makes the event known to the server, and that the server can send the event to one or more clients.

The event can be pushed or pulled.

Setting Events for a STB using a PC

Anthony Istvan

A STB can provide a suite of services to the viewer. Many of these services are naturally accessed from the EPG. These include setting reminders for TV programs and programming a digital video recorder (DVR). This patent expands access to this functionality, making it accessible from other devices that have access to the network on which the STB resides.

For example, a user is at the office. They realize that they are going to have to work late, and that there is a television program that they intended to watch that they are now going to miss. But wait, they can instead log in to their account and access information pertaining to the evenings program line up. They find the show they are interested in and choose the record option. The record event is transmitted through the network to the STB that contains DVR functionality. As a result, the selected program is recorded and is waiting for the user when they finally get home.

If there is only one STB in the house that contains the DVR functionality, or a separate DVR device all together, then other STBs could also be used to set the DVR event.

This also works the other way as well. If the user set a reminder to watch a program, we would enable the option to signal the reminder on their PC as well. The reminder could manifest itself as an email, or through some sort of resident application on the device. The device could be a PC, a cell phone, a web pad, or any other type of communication device. This is similar to the first patent description.

Using an EPG to Manage Synthetic Channels

Anthony Istvan

Jim Billmeyer

Robert Novak

The existing typical television environment consists of a television with a connection to a broadcast network that consists of many television channels. Since the user is used to this channel metaphor, it makes sense to extend the metaphor when adding interactive content to television experience. The existing programming content is referred to as broadcast channels, while the new interactive content is referred to as synthetic channels. Synthetic channels can consist of functional channels, system channels, and content channels. The system channels is where the user administers the STB environment. The functional channels provide access to applications that run on behalf of the user (email, calendar, photo albums, etc.). The content channels are informational in nature (news, weather, sports, etc.). In order to mimic the behavior of traditional broadcast channels, access to the synthetic channels should be granted in a similar manner. This can include placing them in the EPG or allowing the user to access them by directly entering a channel number in their remote control. In one model, only the entry point of the synthetic channel is accessible using these methods. For example, the start page of the mail application or the home page of the news channel. Another model allows for every page that compose a particular channel to be accessible.

EXHIBIT B

Table 1

Patent List

Issued: April 18, 2006

Case Number/Subject Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
United States of America	PRO	60/218,381 06-Oct-2000			Pending 05-Oct-2001
Owner Name: Classification: User Interface Agent Name: Stoel Rives LLP Title: USER INTERFACE, SYSTEM, AND METHOD FOR PERSONALIZED ACCESS TO INTERNET-ENABLED TV					
United States of America	CIP	09/703,272 31-Oct-2000			Pending
Owner Name: Classification: User Interface Agent Name: Stoel Rives LLP Title: USER INTERFACE FOR PERSONALIZED ACCESS TO INTERNET-ENABLED TELEVISION					
United States of America	CIP	09/703,261 31-Oct-2000			Abandoned
Owner Name: Classification: Head End Agent Name: Stoel Rives LLP Title: SYSTEMS AND METHODS FOR PERSONALIZED ACCESS TO INTERNET-ENABLED TELEVISION					
United States of America	PRO				Pending 18-Apr-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: ON-REMOTE CONTROL, EMAIL AND OTHER SERVICE INDICATOR LED AND BOUND					

Case Number/Subcase Country Name		Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
9/1 ited States of America		PRO	60/284,767 18-Apr-2001			Pending 18-Apr-2002
		Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Attorney(s): SR Classification Ref: Agent Ref: Title: ON-REMOTE CONTROL EMAIL AND OTHER SERVICE INDICATOR LED AND SOUND				
		DES	29/136,198 25-Jan-2001			Allowed
		Owner Name: Classification: User Interface Agent Name: Stoel Rives LLP Attorney(s): SR Classification Ref: Agent Ref: Title: USER INTERFACE DESIGN FOR A TELEVISION DISPLAY SCREEN				
1/1 ited States of America		DES	29/136,202 25-Jan-2001			Allowed
		Owner Name: Classification: User Interface Agent Name: Stoel Rives LLP Attorney(s): SR Classification Ref: Agent Ref: Title: USER INTERFACE DESIGN FOR A TELEVISION DISPLAY SCREEN				
		PRO	60/258,134 22-Dec-2000			Abandoned 22-Dec-2001
		Owner Name: Classification: Content Agent Name: Townsend and Townsend Attorney(s): TT Classification Ref: Agent Ref: Title: SINGLE-BUTTON REMOTE ACCESS TO A SYNTHETIC CHANNEL PAGE OR SPECIALIZED CONTENT				

Patent List						
Case Number/Sub- entry Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
1/ ited States of America	ORD	09/788,997 16-Feb-2001	2002-60750 23-May-2002		Published	
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: SINGLE-BUTTON REMOTE ACCESS TO A SYNTHETIC CHANNEL PAGE OF SPECIALIZED CONTENT Attorney(s): SR Classification Ref: Agent Ref:						
1/ ited States of America	PRO	09/823,804 30-Mar-2001			Abandoned	
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FOR A SOFTWARE-STEERABLE WEB CAMERA Attorney(s): SR Classification Ref: Agent Ref:						
8/ ited States of America	PRO	60/267,213 07-Feb-2001			Abandoned 07-Feb-2002	
Owner Name: Classification: Electronic Programming Guide Agent Name: Christensen O'Connor Johnson Kindness Title: INTEGRATION OF ELECTRONIC PROGRAMMING GUIDE INTO INTERACTIVE TELEVISION SYSTEM Attorney(s): COJ Classification Ref: Agent Ref:						
9/ ited States of America	PRO	60/267,215 07-Feb-2001			Pending 07-Feb-2002	
Owner Name: Classification: User Interface Agent Name: Christensen O'Connor Johnson Kindness Title: USER MODEL FOR INTERACTIVE TELEVISION SYSTEM Attorney(s): COJ Classification Ref: Agent Ref:						

Friday, April 18, 2006

Case Number/Subentity Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
4/ United States of America	CIP	09/859,889 17-May-2001			Abandoned	
Owner Name: Classification: E-Commerce Agent Name: Stoel Rives LLP Title: PAY-PER-VIEW ORDERING USING AN INTERACTIVE COMPANION WEB TOP BOX						
5/ United States of America	PRO	60/280,525 12-Apr-2001			Pending	12-Apr-2002
Owner Name: Classification: Electronic Programming Guide Agent Name: Stoel Rives LLP Title: CONTACT LIST FOR A HYBRID COMMUNICATOR/REMOTE CONTROL						
5/2/ United States of America	ORD	09/863,053 22-May-2001			Pending	
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: CONTACT LIST FOR A HYBRID COMMUNICATOR/REMOTE CONTROL (remote with contact list)						
15/4/ United States of America	PRO	60/285,086 19-Apr-2001			Pending	19-Apr-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: MULTIFUNCTIONAL DISPLAY SCREEN FOR A HYBRID COMMUNICATOR/REMOTE CONTROL						

Tuesday, April 18, 2006

Patent Data				
Case Number/Subname	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date
15/ United States of America	ORD	09/739,584 15-Dec-2000	02-0042747 11-Apr-2002	Published
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: AUTOMATIC PROMPTING FOR PRINTER INK REFILL Attorney(s): JCS Classification Ref: Agent Ref:				
18/ United States of America	PRO	60228,609 28-Aug-2000		Pending 28-Aug-2001
Owner Name: Classification: Content Agent Name: Seed Intellectual Property Law Group Title: SYNTHETIC BROADCAST CHANNELS Attorney(s): SIP Classification Ref: Agent Ref:				
18.2/ United States of America	ORD	09/742,677 19-Dec-2000	02-0104099 01-Aug-2002	Allowed
Owner Name: Classification: Content Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD TO PROVIDE MEDIA PROGRAMS FOR SYNTHETIC CHANNELS Attorney(s): SIP Classification Ref: Agent Ref:				
20.1/ United States of America	PRO	60236,422 28-Sep-2000		Pending 28-Sep-2001
Owner Name: Classification: E-Commerce Agent Name: Seed Intellectual Property Law Group Title: METHODS AND SYSTEMS FOR COMMERCE VIA INTERACTIVE TELEVISION Attorney(s): SIP Classification Ref: Agent Ref:				

Reading: April 18, 2006

Case Number/Subcase
Country Name

United States of America

Case Type

ORD

Application Number/Date

09/728,947

Publication Number/Date

01-Dec-2000

Patent Number/Date

Pending

Status

Pending

Expiration Date

Pending

Attorney(s): ICS

Classification Ref:

Agent Ref:

Title: ALLOWANCE ACCOUNT FOR INTERACTIVE TELEVISION (ITV account)

Owner Name:

Classification: E-Commerce

Agent Name: John C. Stewart

Title: ALLOWANCE ACCOUNT FOR INTERACTIVE TELEVISION (ITV account)

United States of America

Case Type

ORD

Application Number/Date

09/730,983

Publication Number/Date

13-Dec-2000

Patent Number/Date

Pending

Status

Pending

Expiration Date

Pending

Attorney(s): ICS

Classification Ref:

Agent Ref:

Title: METHOD AND SYSTEM TO CALENDAR INFORMATION RELATED TO TRANSACTIONS CONDUCTED VIA AN INTERACTIVE VIDEO CASTING SYSTEM

Owner Name:

Classification: E-Commerce

Agent Name: John C. Stewart

Title: METHOD AND SYSTEM TO CALENDAR INFORMATION RELATED TO TRANSACTIONS CONDUCTED VIA AN INTERACTIVE VIDEO CASTING SYSTEM

United States of America

Case Type

ORD

Application Number/Date

09/734,312

Publication Number/Date

01-Dec-2000

Patent Number/Date

Pending

Status

Pending

Expiration Date

Pending

Attorney(s): ICS

Classification Ref:

Agent Ref:

Title: METHOD AND SYSTEM TO PROVIDE CONSOLIDATED ACCOUNT INFORMATION VIA INTERACTIVE TELEVISION

Owner Name:

Classification: E-Commerce

Agent Name: John C. Stewart

Title: METHOD AND SYSTEM TO PROVIDE CONSOLIDATED ACCOUNT INFORMATION VIA INTERACTIVE TELEVISION

United States of America

Case Type

ORD

Application Number/Date

09/728,956

Publication Number/Date

01-Dec-2000

Patent Number/Date

Pending

Status

Pending

Expiration Date

Pending

Attorney(s): CO

Classification Ref:

Agent Ref:

Title: METHOD AND SYSTEM FOR CONSOLIDATED CONTENT/COMMERCE TOOLS INTERFACE FOR INTERACTIVE TELEVISION

Owner Name:

Classification: E-Commerce

Agent Name: Christopher O'Connor Johnson Kindness

Title: METHOD AND SYSTEM FOR CONSOLIDATED CONTENT/COMMERCE TOOLS INTERFACE FOR INTERACTIVE TELEVISION

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Title Page

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
United States of America	PRI	60/283,574 13-Apr-2001			Pending	11-Apr-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FOR PERSONALIZED REMOTE CONTROL OF AN INTERACTIVE TELEVISION SYSTEM Attorney(s): SR Classification Ref: Agent Ref:						
United States of America	DES	29/141,613 09-May-2001			Allowed	
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: REMOTE CONTROL, (remote design with numeric on remote) Attorney(s): SR Classification Ref: Agent Ref:						
United States of America	PRI	60/284,329 17-Apr-2001			Abandoned	17-Apr-2002
Owner Name: Classification: Content Agent Name: Stoel Intellectual Property Law Group Title: RULE IN WINDOW Attorney(s): COJ Classification Ref: Agent Ref:						
United States of America	ORD	09/736,950 13-Dec-2000			Pending	
Owner Name: Classification: E-Commerce Agent Name: John C. Stovan Title: METHOD AND SYSTEM TO PROVIDE IN-CONTEXT PURCHASE STIMULI FOR AN INTERACTIVE VIDEO CASTING SYSTEM Attorney(s): JCS Classification Ref: Agent Ref:						

Residing: April 18, 2006

Patent List

Case Number/Subcase Number	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
4/ United States of America	PRI	60/296,315 06-Jun-2001			Pending	

Owner Name: **Stoel Rives LLP**
 Classification: **Content**
 Agent Name: **Stoel Rives LLP**
 Title: **CONTENT MANAGEMENT TOOL (local content only tool)**

Owner Name: **Stoel Rives LLP**
 Classification: **Content**
 Agent Name: **Stoel Rives LLP**
 Title: **CONTENT MANAGEMENT TOOL (local content only tool)**

Owner Name: **Stoel Rives LLP**
 Classification: **Content**
 Agent Name: **Stoel Rives LLP**
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 Agent Name: **Stoel Rives LLP**
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 Title: **CONTENT MANAGEMENT TOOL (local content only tool)**

Owner Name: **Stoel Rives LLP**
 Classification: **Content**
 Agent Name: **Stoel Rives LLP**
 Title: **CONTENT MANAGEMENT TOOL (local content only tool)**

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 Classification: **Content**
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 Classification: **Content**
 Agent Name: **Stoel Rives LLP**
 Title: **CONTENT MANAGEMENT TOOL (local content only tool)**

Owner Name: **Stoel Rives LLP**
 Classification: **Content**
 Agent Name: **Stoel Rives LLP**
 Title: **CONTENT MANAGEMENT TOOL (local content only tool)**

Friday, April 18, 2006

Patent List

Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
United States of America	PRO	60-296,555 06-Jun-2001			Pending	06-Jun-2002
Owner Name: Classification: E-Commerce Agent Name: Townsend and Townsend Title: SYSTEM AND METHOD FOR LOCALIZED COMMERCE VIA INTERACTIVE TV Attorney(s): TT Classification Ref: Agent Ref:						
United States of America	ORD	09/728,672 01-Dec-2000	02-0013950 31-Jun-2002		Published	
Owner Name: Classification: E-Commerce Agent Name: Stoel Rives LLP Title: METHOD AND SYSTEM TO SAVE CONTENT FOR DEFERRED TRANSACTION VIA INTERACTIVE TELEVISION Attorney(s): SR Classification Ref: Agent Ref:						
United States of America	CUN	09/834,044 11-Apr-2001	02-0016865 07-Feb-2002		Published	
Owner Name: Classification: E-Commerce Agent Name: Stoel Rives LLP Title: METHOD AND SYSTEM TO SAVE CONTENT FOR DEFERRED TRANSACTION VIA INTERACTIVE TELEVISION Attorney(s): SR Classification Ref: Agent Ref:						
United States of America	ORD	09/732,188 06-Dec-2000			Pending	
Owner Name: Classification: E-Commerce Agent Name: Darby & Darby Title: LOYALTY REWARDS PROGRAM FOR INTERACTIVE TELEVISION Attorney(s): BEB Classification Ref: Agent Ref:						

Patent List

Friday, April 18, 2006

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
United States of America	ORD	09/775,351 31-Jan-2001			Abandoned
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM FOR SYNCHRONIZED COMMERCE WITH ELECTRONIC PROGRAM GUIDE AND BROADCAST CONTENT IN AN INTERACTIVE VIDEO CASTING SYSTEM					
Attorney(s): JCS Classification Ref: Agent Ref:					
United States of America	ORD	09/728,844 01-Dec-2000	02-0104086 01-Aug-2002		Published
Owner Name: Classification: E-Commerce Agent Name: Stoel Rives LLP Title: METHOD AND SYSTEM TO DEFER TRANSACTIONS CONDUCTED VIA INTERACTIVE TELEVISION (webpad deferred purchase)					
Attorney(s): SR Classification Ref: Agent Ref:					
United States of America	CCN	09/834,043 11-Apr-2001	02-0054091 09-May-2002		Published
Owner Name: Classification: E-Commerce Agent Name: Stoel Rives LLP Title: METHOD AND SYSTEM TO DEFER TRANSACTIONS CONDUCTED VIA INTERACTIVE TELEVISION (webpad deferred purchase)					
Attorney(s): SR Classification Ref: Agent Ref:					
United States of America	PRU	60/237,013 29-Sep-2000			Pending 29-Sep-2001
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATIONS					
Attorney(s): SR Classification Ref: Agent Ref:					

Case, April 18, 2006					
Case Number/Subject	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
United States of America	ORD	09/698,297 27-Oct-2000		6,489,846 03-Dec-2002	Granted 27-Oct-2020
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: REMOTE CONTROL DEVICE FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (cam-in-remote devices)					
United States of America	ORD	09/698,298 27-Oct-2000		6,529,223 04-Mar-2003	Granted 27-Oct-2020
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (cam button)					
United States of America	ORD	09/747,072 06-Nov-2000		6,397,388 28-May-2002	Granted 06-Nov-2020
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS AND DEVICES FOR AUDIO CAPTURE AND COMMUNICATION DURING TELEVISION BROADCASTS (mic-in-remote)					
United States of America	ORD	09/712,010 14-Nov-2000			Pending
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR AUDIO CAPTURE AND TELECOMMUNICATIONS (phone-in-remote)					

Patent Data				
Case Number/Subcase Number	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date
1,51 United States of America	CIP	09/608,753 27-Oct-2000		
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS AND METHODS FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (cam-in-remote system)				
				Abandoned
5,17 United States of America	PRO	60/238,585 06-Oct-2000		
Owner Name: Classification: Electronic Programming Guide Agent Name: Stoel Rives LLP Title: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE				
				Pending 06-Oct-2001
5,17 United States of America	ORD	09/739,576 18-Dec-2000		
Owner Name: Classification: Electronic Programming Guide Agent Name: Stoel Rives LLP Title: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE (webbed page)				
				Pending
5,29 United States of America	CIP	09/811,373 15-Mar-2001	02-Oct-2001 11-Apr-2002	
Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE FOR PROGRAM SELECTION AND CONTROL				
				Abandoned

Friday, April 18, 2006

Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
United States of America	PRI	60/238,487 02-Oct-2000			Pending 02-Oct-2001
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR AUDIOCONFERENCING DURING TELEVISION BROADCASTS					
United States of America	CRD	09/707,073 06-Nov-2000			Pending
Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: METHODS FOR AUDIO CAPTURE AND COMMUNICATION DURING TELEVISION BROADCASTS (audio-conferencing)					
United States of America	PRI	09/872,491 31-May-2001	02-0184635 05-Dec-2002		Published
Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: SETTING EVENTS FOR A SET-TOP-BOX USING A BROWSER-ENABLED DEVICE (setting events for an sbs using a pc)					
United States of America	PRI	09/877,696 08-Jun-2001	02-0188952 12-Dec-2002		Published
Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: SYSTEMS AND METHODS FOR ACCESSING INTERACTIVE CONTENT VIA SYNTHETIC CHANNELS (managing synthetic channels using sbs)					

Friday, April 14, 2006

Case Number/Inventor Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
1/ United States of America	ORD	09/687,587 13-Oct-2000			Abandoned
Owner Name: Classification: User Interfaces Agent Name: Townsend and Townsend Title: TECHNIQUES FOR CONTROLLING ACCESS TO WEB CONTENT INFORMATION AND TELEVISION CONTENT INFORMATION USING USER MODES					
Attorney(s): TT Classification Ref: Agent Ref:					
2/ United States of America	ORD	09/687,349 13-Oct-2000			Pending
Owner Name: Classification: User Interface Agent Name: Townsend and Townsend Title: TECHNIQUES FOR CONTROLLING ACCESS TO WEB CONTENT INFORMATION AND TELEVISION CONTENT INFORMATION USING USER MODES AND LEAST COMMON DENOMINATOR TECHNIQUES					
Attorney(s): TT Classification Ref: Agent Ref:					
3/ United States of America	ORD	09/747,168 21-Dec-2000	02-4023130 21-Feb-2002		Published
Owner Name: Classification: Content Agent Name: Darby & Darby Title: SYSTEM AND METHOD TO MANAGE PARTICIPANT INPUT FOR AN INTERACTIVE SHOW					
Attorney(s): DEB Classification Ref: Agent Ref:					
4/ United States of America	ORD	09/747,424 21-Dec-2000	02-0104090 01-Aug-2002		Published
Owner Name: Classification: Advertising Agent Name: Darby & Darby Title: SYSTEM AND METHOD FOR INTERACTIVE ADVERTISING					
Attorney(s): DEB Classification Ref: Agent Ref:					

PATENT LIST				
Case Number/Inventor Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date
3/ United States of America	ORO	09/732,184 06-Dec-2009		
Owner Name: Classification: Content Agent Name: Darby & Darby Title: SYSTEM AND METHOD TO SEQUENCE BROADCAST PROGRAMS FOR PERSONAL CHANNELS Attorney(s): BSB Classification Ref: Agent Ref:				
				Pending
3/ United States of America	PRO	60/250,291 29-Nov-2000		
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: WIRELESS MULTIMEDIA APPLIANCE Attorney(s): JCS Classification Ref: Agent Ref:				
				Abandoned 29-Nov-2001
3/ United States of America	PRO	60/246,542 07-Nov-2000		
Owner Name: Classification: Content Agent Name: Stoel Rives LLP Title: SYSTEMS AND METHODS FOR VIEWER TRIGGER IN ENHANCED TELEVISION AND CABLE OPERATOR CONTROL OVER ENHANCED PROGRAMMING Attorney(s): SR Classification Ref: Agent Ref:				
				Pending 07-Nov-2001
3/ United States of America	ORO	09/838,201 15-May-2001		
Owner Name: Classification: Content Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FOR CABLE OPERATOR CONTROL OVER ENHANCED PROGRAMMING Attorney(s): SR Classification Ref: Agent Ref:				
				Abandoned

Monday, April 18, 2006

Patent Office

Patent Number: 6,138,116

Case Number/Sequence: 02-0081464
Country Name: United States of America
Case Type: OR13
Applicant Number/Date: 02-0081464
Publication Number/Date: 27-Jun-2002
Status: Published
Expiration Date: 27-Jun-2002

Owner Name: Attorney(s): SR
Classification Ref: Classification Ref:
Agent Name: Steel Rives LLP
Agent Ref: Agent Ref:
Title: SYSTEM AND METHOD FOR UNPROMPTED, CONTEXT-SENSITIVE QUERYING DURING A TELEVISION BROADCAST

Case Number/Sequence: 60-258,164
Country Name: United States of America
Case Type: PRO
Applicant Number/Date: 22-Dec-2000
Publication Number/Date: 22-Dec-2001
Status: Pending
Expiration Date: 22-Dec-2001

Owner Name: Attorney(s): SR
Classification Ref: Classification Ref:
Agent Name: Steel Rives LLP
Agent Ref: Agent Ref:
Title: SYSTEM AND METHOD FOR PRE-CACHING SUPPLEMENTAL CONTENT RELATED TO A TELEVISION BROADCAST USING UNPROMPTED, CONTEXT-SENSITIVE QUERYING

Case Number/Sequence: 09-761,411
Country Name: United States of America
Case Type: (RI)
Applicant Number/Date: 16-Jan-2001
Publication Number/Date: 02-01-47984
Status: Published
Expiration Date: 10-Oct-2002

Owner Name: Attorney(s): SR
Classification Ref: Classification Ref:
Agent Name: Steel Rives LLP
Agent Ref: Agent Ref:
Title: SYSTEM AND METHOD FOR PRE-CACHING SUPPLEMENTAL CONTENT RELATED TO A TELEVISION BROADCAST USING UNPROMPTED, CONTEXT-SENSITIVE QUERYING

Case Number/Sequence: 60-254,011
Country Name: United States of America
Case Type: PRO
Applicant Number/Date: 27-Dec-2000
Publication Number/Date: 27-Dec-2001
Status: Pending
Expiration Date: 27-Dec-2001

Owner Name: Attorney(s): SR
Classification Ref: Classification Ref:
Agent Name: Steel Rives LLP
Agent Ref: Agent Ref:
Title: INTERACTIVE COMPANION SET TOP BOX

Friday, April 18, 2008

Patent List

Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
United States of America	CRD	09/815,953 23-Mar-2001			Pending	
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: INTERACTIVE COMPANION SET TOP BOX						
United States of America	PR	09/768,019 23-Jun-2001		6,638,963 07-Oct-2003	Granted	23-Jun-2021
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: SYNCHRONIZING A VIDEO PROGRAM FROM A TELEVISION BROADCAST WITH A SECONDARY AUDIO PROGRAM						
United States of America	CIP	09/778,954 07-Feb-2001		6,710,815 33-Mar-2004	Granted	23-Jun-2021
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: SYNCHRONIZING MULTIPLE SIGNALS RECEIVED THROUGH DIFFERENT TRANSMISSION MEDIUMS						
United States of America	PR	09/863,896 23-May-2001	02-0175944 29-Nov-2002	6,762,773 13-Jul-2004	Granted	23-May-2021
Owner Name: Classification: User Interface Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING A CONTEXT-SENSITIVE INSTRUCTIONAL USER INTERFACE ICON IN AN INTERACTIVE TELEVISION SYSTEM (overlaid on a screen)						

Friday, April 18, 2006

Case Number/Sequence Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
1. United States of America	PRI	09/863,895 23-May-2001		6,559,866 06-May-2003	Granted 23-May-2021
Owner Name: Classification: User Interface Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING FOREIGN LANGUAGE SUPPORT FOR A REMOTE CONTROL DEVICE (foreign language support for a remote control)					
2. United States of America	ORD	09/687,586 13-Oct-2000			Pending
Owner Name: Classification: User Interface Agent Name: Townsend and Townsend Title: AUDIO SOURCE CONTROL TECHNIQUES					
3. United States of America	PRI	09/789,175 20-Feb-2001			Pending
Owner Name: Classification: Electronic Programming Guide Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FOR DELIVERING RADIO PROGRAMS AND RELATED SCHEDULE INFORMATION (radio epg for tv)					
4. United States of America	CIP	09/851,528 08-May-2001			Pending
Owner Name: Classification: Electronic Programming Guide Agent Name: Stoel Rives LLP Title: RADIO ELECTRONIC PROGRAM GUIDE FOR A MOBILE DEVICE					

Issued: April 18, 2006

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
4/ United States of America	PR1	09/790,216 21-Feb-2001			Pending
Owner Name: Classification: Subscriber Management Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING DIRECT, CONTEXT SENSITIVE CUSTOMER SUPPORT IN AN INTERACTIVE TELEVISION SYSTEM					
11/ United States of America	PR1	09/821,829 29-Mar-2001			Pending
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR FACILITATING SALES USING AN INTERACTIVE TELEVISION					
34/2/ United States of America	PR1	09/789,917 21-Feb-2001			Pending
Owner Name: Classification: Subscriber Management Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING DIRECT, CONTEXT SENSITIVE CUSTOMER SUPPORT IN AN INTERACTIVE TELEVISION SYSTEM					
56/ United States of America	PR1	09/823,946 30-Mar-2001			Pending
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: SYSTEM AND METHOD TO PROVIDE AUDIO ENHANCEMENTS AND PREFERENCES FOR INTERACTIVE TELEVISION					

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Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
United States of America	CIP	09/747,309 20-Dec-2000	US02-56083 09-May-2002		Published	
Owner Name: Townsend and Townsend						
Classification: User Interface						
Agent Name: Christensen O'Connor Johnson Kindness						
Title: SYSTEM AND METHOD FOR PICTURE-IN-BROWSER SCALING (Picture-In-Browser I)						
Attorney(s): TJ						
Classification Ref:						
Agent Ref:						
United States of America	PRI	09/823,917 30-Mar-2001			Pending	
Owner Name:						
Classification: E-Commerce						
Agent Name: Christensen O'Connor Johnson Kindness						
Title: AGGREGATED SALES CHANNEL HAVING SALES ALERTS						
Attorney(s): COJ						
Classification Ref:						
Agent Ref:						
United States of America	PRI	09/861,091 18-May-2001			Pending	
Owner Name:						
Classification: E-Commerce						
Agent Name: John C. Stewart						
Title: METHOD AND SYSTEM FOR GIFT REGISTRY, BUDGETING, AND GIFT CALENDARING VIA AN INTERACTIVE VIDEO CASTING SYSTEM (In household budget integration with commerce and calendar)						
Attorney(s): JCS						
Classification Ref:						
Agent Ref:						
United States of America	PRI	09/866,558 24-May-2001			Pending	
Owner Name:						
Classification: Content						
Agent Name: Darby & Darby						
Title: SYSTEM AND METHOD TO PROVIDE AN INTERACTIVE COUPON CHANNEL VIA A VIDEO CASTING NETWORK (coupon channel)						
Attorney(s): BEIS						
Classification Ref:						
Agent Ref:						

Wednesday, April 16, 2006

Case Number/Subense
Country Name

71 United States of America

Application Number/Date
Publication Number/Date
Patent Number/Date
Status
Expiration Date
Pending

Owner Name:
Classification:
Agent Name: John C. Stewart
Title: AUCTION CHANNEL FOR INTERACTIVE VIDEO CASTING SYSTEM

Attorney(s): JCS
Classification Ref:
Agent Ref:

PR1 09/823,367
30-Mar-2001
Pending

Owner Name:
Classification:
Agent Name: John C. Stewart
Title: METHOD AND SYSTEM TO PROVIDE AN ELECTRONIC NOTE SERVICE IN AN INTERACTIVE TELEVISION SYSTEM

Attorney(s): BEN
Classification Ref:
Agent Ref:

PR1 09/818,045
26-Mar-2001
Pending

Owner Name:
Classification:
Agent Name: John C. Stewart
Title: SYSTEM AND METHOD FOR SET TOP BOX CHANNEL STATUS FEEDBACK

Attorney(s): JCS
Classification Ref:
Agent Ref:

PR1 09/878,139
08-Jun-2001
Published

Owner Name:
Classification:
Agent Name: Christopher O'Connor Johnson Kindness
Title: INTERACTIVE INFORMATION AGGREGATOR FOR AN INTERACTIVE TELEVISION SYSTEM (interactive tv event aggregator)

Attorney(s): COJ
Classification Ref:
Agent Ref:

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Case Number/Subcase Number	Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
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57	United States of America	PR	09/813,773 20-Mar-2001			Pending	
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Owner Name:
Classification: G06F
Agent Name: Darby & Darby
Title: SYSTEMS AND METHODS FOR TRIGGERING AN EVENT BASED ON RECOGNITION OF AN AUDIO SIGNATURE
Attorney(s): BBP
Classification Ref:
Agent Ref:

67	United States of America	PR	09/820,331 27-Mar-2001	02-014264 03-Oct-2002		Published	
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Owner Name:
Classification: Electronic Programming Guide
Agent Name: Stoel Rives LLP
Title: PASSIVE PROGRAM COMPLETION STATUS INDICATOR FOR AN ELECTRONIC PROGRAM GUIDE
Attorney(s): SR
Classification Ref:
Agent Ref:

47	United States of America	PR	09/820,083 27-Mar-2001			Pending	
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Owner Name:
Classification: Electronic Programming Guide
Agent Name: Stoel Rives LLP
Title: PROGRAM COMPLETION STATUS INDICATOR FOR AN ELECTRONIC PROGRAM GUIDE
Attorney(s): SR
Classification Ref:
Agent Ref:

80	United States of America	PRO	60/251,501 05-Dec-2000			Abandoned	05-Dec-2001
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Owner Name:
Classification: E-Commerce
Agent Name: Christensen O'Connor Johnson Kindness
Title: METHOD AND SYSTEM FOR CONSOLIDATED COMMERCE/COMMUNICATIONS CONTENT TOOLS INTERFACE
Attorney(s): CQJ
Classification Ref:
Agent Ref:

Tuesday, April 18, 2006					
Case Number/Subcase Number	Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date
19/	United States of America	PRI	09/831,361 08-May-2001	02-095689 18-Jul-2002	12-Jul-2002
<p>Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: HARDWARE DECODING OF MPEG VIDEO STREAMS FROM CABLE TELEVISION AND INTERNET SOURCES</p>					
20/	United States of America	PRI	09/798,583 02-Mar-2001	02-0188948 12-Dec-2002	12-Dec-2002
<p>Owner Name: Classification: Electronic Programming Guide Agent Name: Christensen O'Connor Johnson Kindness Title: METHOD AND SYSTEM TO PROVIDE INFORMATION ALERTS VIA AN INTERACTIVE VIDEO CASTING SYSTEM</p>					
21/	United States of America	PRI	09/877,549 08-Jun-2001	02-0188948 12-Dec-2002	12-Dec-2002
<p>Owner Name: Classification: Electronic Programming Guide Agent Name: Christensen O'Connor Johnson Kindness Title: SYSTEMS AND METHODS FOR AUTOMATIC PERSONALIZING OF CHANNEL FAVORITES IN A SET TOP BOX (personalized auto-favorites with multiple views)</p>					

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Case Number/Subense Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
6 United States of America	PRI	09/843,296 25-Apr-2001	02-0162120 31-Oct-2002		Published
Owner Name: Classification: Content Agent Name: Christensen O'Connor Johnson Kindness Title: APPARATUS AND METHOD TO PROVIDE SUPPLEMENTAL CONTENT FROM AN INTERACTIVE TELEVISION SYSTEM TO A REMOTE DEVICE					
Attorney(s): COI Classification Ref: Agent Ref:					
PDN11-US United States of America	CON	09/670,157 26-Sep-2000			Pending
Owner Name: Classification: Agent Name: David Lee Title: INFORMATION DISTRIBUTION SYSTEM					
Attorney(s): DL Classification Ref: Agent Ref:					
PDN15-US United States of America	CON	09/609,134 26-Sep-2000		6,633,877 14-Oct-2003	Granted 27-Mar-2018
Owner Name: Classification: Agent Name: John C. Stewart Title: METHODS AND APPARATUS FOR DELIVERY OF SELECTED ELECTRONIC WORKS AND FOR CONTROLLING REPRODUCTION OF THE SAME (Amended)					
Attorney(s): JCS Classification Ref: Agent Ref:					
PDN20-US United States of America	PRI	09/837,112 18-Apr-2001			Pending
Owner Name: Classification: Agent Name: David Lee Title: SECURE DIGITAL MEDICAL INTELLECTUAL PROPERTY (IP) DISTRIBUTION MARKET APPLICATIONS, AND MOBILE DEVICES					
Attorney(s): DL Classification Ref: Agent Ref:					

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Patent List

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Case Number/Subhouse Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
007/ United States of America	PRI	09/653,964 01-Sep-2000			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: MULTIMEDIA AND COMPUTING SYSTEM (home media server)					
Attorney(s): ICS Classification Ref: Agent Ref:					
007/ United States of America	PRI	09/654,317 01-Sep-2000			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: SYSTEM AND METHOD FOR INTELLIGENT BUFFERING AND BANDWIDTH ALLOCATION (smart buffering)					
Attorney(s): TW Classification Ref: Agent Ref:					
007/ United States of America	PRI	09/731,556 22-Nov-2000			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: APPARATUS AND METHOD FOR INTELLIGENT MULTIMEDIA COMPRESSION AND DISTRIBUTION					
Attorney(s): ICS Classification Ref: Agent Ref:					
007/ United States of America	PRI	09/755,517 05-Jun-2001	02-0091866 11-Jul-2002	6,813,643 02-Nov-2004	Granted 05-Jan-2021
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: SELECTABLE MODE MULTIMEDIA SYSTEM (dual mode multimedia system)					
Attorney(s): TW Classification Ref: Agent Ref:					

Tuesday, April 18, 2006

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
00117 United States of America	PRI	09/792,019 26-Feb-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: SYSTEM AND METHOD FOR RENDERING GRAPHICS AND VIDEO ON A DISPLAY (graphic (rendering)					
0013. United States of America	PRI	09/791,474 22-Feb-2001	02-0113827 22-Aug-2002		Published
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: APPARATUS AND METHOD FOR SELECTING DATA					
0013X7 United States of America	CIP	09/818,175 26-Mar-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: APPARATUS AND METHOD FOR SELECTING DATA					
0016 United States of America	PRI	09/848,118 02-May-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: APPARATUS AND METHOD FOR COMPRESSING VIDEO (MPEG Scaling)					

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Patent List

Inventor/Subject	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
00177 United States of America	PRI	09/734,535 11-Dec-2000			Pending	
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: DEMAND DMA Attorney(s): TW Classification Ref: Agent Ref:						
00184 United States of America	PRI	09/734,529 11-Dec-2000			Pending	
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: SERIAL REQUEST HANDLER (request handler) Attorney(s): TW Classification Ref: Agent Ref:						
00191 United States of America	PRI	09/784,274 13-Feb-2001			Allowed	
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: METHOD AND APPARATUS FOR A BURST WRITE IN A SHARED BUS ARCHITECTURE (shared bus) Attorney(s): TW Classification Ref: Agent Ref:						
00207 United States of America	PRI	09/795,276 27-Feb-2001			Pending	
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: METHOD AND APPARATUS FOR OPTIMIZING MEMORY ACCESS (memory access) Attorney(s): TW Classification Ref: Agent Ref:						

Wednesday, April 18, 2006

Case Number/Subsistence Country Name

122/ United States of America

Owner Name:
Classification: Set Top Box (Hardware and Software)
Agent Name: John C. Stewart
Title: METHOD AND APPARATUS FOR TRANSFERRING DATA

123/ United States of America

Owner Name:
Classification: Subscriber Management
Agent Name: Thomas C. Webster
Title: METHOD AND APPARATUS FOR QUEUING DATA (queuing data)

126/ United States of America

Owner Name:
Classification: Satellite
Agent Name: Thomas C. Webster
Title: MEMORY ARRAY ORGANIZATION FOR STATIC ARRAYS

126/ United States of America

Owner Name:
Classification: Not Classified
Agent Name: Thomas C. Webster
Title: ERROR CORRECTION WITH LIMITED WORKING STORAGE

Publication Number/Date

09/669,619 25-Sep-2000

Attorney(s): JCS
Classification Ref:
Agent Ref:

09/669,618 25-Sep-2000

Attorney(s): TW
Classification Ref:
Agent Ref:

09/784,828 15-Feb-2001

Attorney(s): TW
Classification Ref:
Agent Ref:

09/709,005 08-Nov-2000

Attorney(s): TW
Classification Ref:
Agent Ref:

Patent Number/Date

6,498,754 24-Dec-2002

Attorney(s): JCS
Classification Ref:
Agent Ref:

6,498,754 24-Dec-2002

Attorney(s): TW
Classification Ref:
Agent Ref:

6,498,754 24-Dec-2002

Attorney(s): TW
Classification Ref:
Agent Ref:

6,498,754 24-Dec-2002

Attorney(s): TW
Classification Ref:
Agent Ref:

Status

Pending

Pending

Pending

Pending

Granted

Granted

Granted

Granted

Report Selection

Report Selection

Monday, April 18, 2006

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Preview before printing: <input checked="" type="checkbox"/>			Include Disposal Countries <input type="radio"/> Yes <input checked="" type="radio"/> No	

Date Range

☒ Filing
 ☐ Issue
 ☐ Expiration
 ☐ Last Update

From: 21-Aug-2000 To: 08-Jun-2001

Classification:

Country: US
 Area:
 Owner:
 Inventor:
 Category:
 Rank:

Case Number:

Case Type:

Attorney:

Agent:

Status Codes: ☐ Active ☐ Inactive ☒ All

Platform:

Stage:

Status(es):

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